

Figure 1. CB-CHC coating on stainless steel substrate

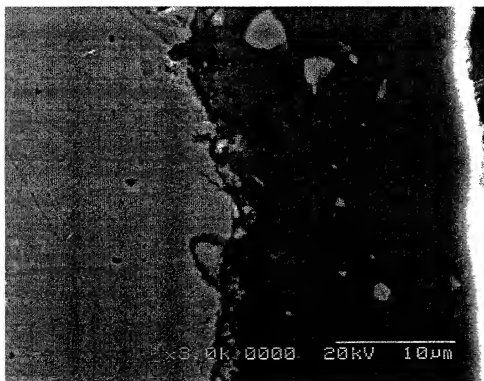


Figure 2. CB-CHC coating on copper substrate



Figure 3. CB-CHC coating on carbon fiber reinforced epoxy composite



Figure 4. CB-CHC SiC-Al<sub>2</sub>O<sub>3</sub> coating on aluminum alloy substrate

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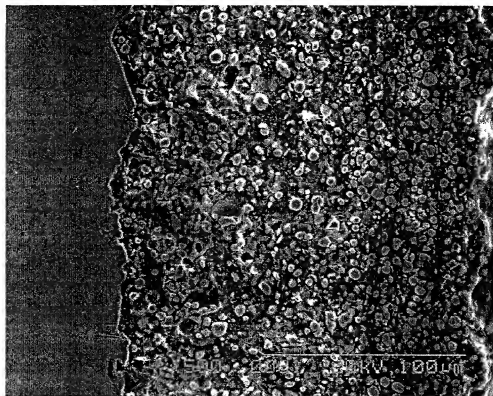


Figure 5. CB-CHC thermal barrier coating on nickel alloy substrate



Figure 6. CB-CHC coating on magnesium alloy substrate

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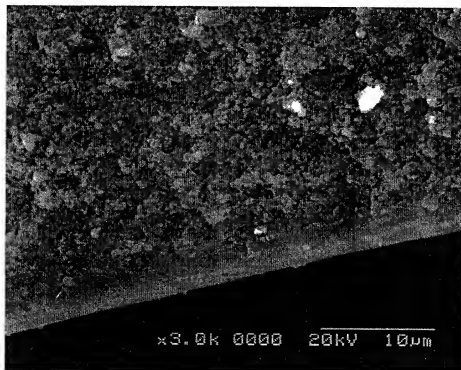


Figure 7. CB-CHC membrane, showing coarse (top) and fine (bottom) porosity films

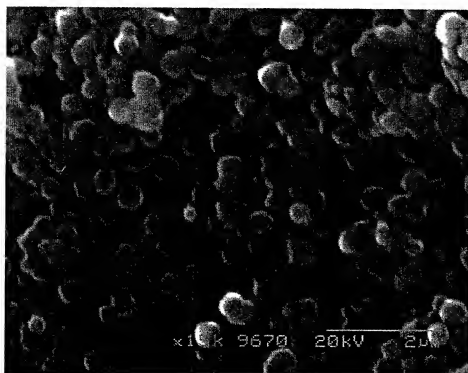


Figure 8. Microstructure of coarse porosity film of CB-CHC membrane